IN THE CLAIMS:

Please cancel claims 15-28. Claims 1-14 remain as follows.

1.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising:

a first electrode and a second electrode, each of said electrodes comprised of a superalloy having a cobalt content of greater than 8% by weight; said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

2.(Original) The device according to claim 1 wherein said superalloy has a cobalt and a nickel content of greater than 12% by weight.

3.(Previously Presented) The device according to claim 1 wherein said superalloy has a tungsten content of 0.1-15% by weight.

4.(Previously Presented) The device according to claim 1, wherein said superalloy has a titanium content of 0.1-5% by weight.

5.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a superalloy having a nickel content of greater than 8% by weight, said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

6.(Original) The device according to claim 5 wherein said superalloy has a tungsten content of 0.1-15% by weight.

7.(Previously Presented) The device according to claim 5 wherein said superalloy has a titanium content of 0.1-5% by weight.

8.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a thermal-worked steel having a vanadium content of greater than 0.05% by weight and a chromium content of greater than 1% by weight, said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

9.(Previously Presented) The device according to claim 8 wherein said thermal-worked steel has a vanadium content of 0.07-3.5% by weight.

10.(Previously Presented) The device according to claim 8 wherein said thermal-worked steel has a chromium content of 1-15% by weight.

11.(Previously Presented) The device according to claim 8, wherein said thermal-worked steel has a tungsten content of 1-10% by weight.

12.(Original) A device for producing electrical discharges in an aqueous medium, said device comprising: a first electrode and a second electrode, each of said electrodes comprised of a stainless steel having a chromium content of greater than 12.5% by weight, said device producing a voltage discharge into the medium when a high electrical voltage is applied to said electrodes, the voltage discharge creating a pressure wave in the medium.

13.(Original) The device according to claim 12 wherein said stainless steel has a chromium content of less than 30% by weight.

14.(Previously Presented) The device according to claim 12 wherein said stainless steel has nickel component of 2-25% by weight.

15.(Cancelled)

16.(Cancelled)

17.(Cancelled)

18.(Cancelled)

19.(Cancelled)

20.(Cancelled)

21.(Cancelled)

22.(Cancelled)

23.(Cancelled)

24.(Cancelled)

25.(Cancelled)

26.(Cancelled)

27.(Cancelled)

28.(Cancelled)